INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/001593

CLASSIFICATION OF SUBJECT MATTER A. Int. Cl. 7: C12N 5/08 According to International Patent Classification (IPC) or to both national classification and IPC FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) SEE BELOW Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched SEE BELOW Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Databases: WPIDS, CAPLUS, MEDLINE, BIOSIS. Keywords: stem()cell/pluripotent()cell/progenitor()cell/embryonic stem cell/ES cell; differentia?; blood()cell/ erythrocyte/retioculocyte/megakaryocyte/lymphocyte/platelet/monocyte etc; hematopoietic/haematopoietic/ hemopoietic/haemopoietic; cell therapy; in vitro/ex vivo/culture; aggregat? DOCUMENTS CONSIDERED TO BE RELEVANT C. Relevant to Citation of document, with indication, where appropriate, of the relevant passages Category* claim No. 1-11 WO 2003/050251 A2 (Geron Corporation) 19 June 2003 X p. 12 line 4 - p. 14 line 13, examples 1-4, claims 13-36. 1, 5-11 X US 6,280,718 B1 (Kaufman et al.) 28 August 2001 Column 5 line 9 - Column 7 line 32, Claim 9. See patent family annex Further documents are listed in the continuation of Box C Special categories of cited documents: document defining the general state of the art which is later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory not considered to be of particular relevance underlying the invention earlier application or patent but published on or after the document of particular relevance; the claimed invention cannot be considered novel "E" or cannot be considered to involve an inventive step when the document is taken international filing date alone document of particular relevance; the claimed invention cannot be considered to ուս document which may throw doubts on priority claim(s) involve an inventive step when the document is combined with one or more other or which is cited to establish the publication date of another citation or other special reason (as specified) such documents, such combination being obvious to a person skilled in the art document referring to an oral disclosure, use, exhibition document member of the same patent family or other means document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search . Date of mailing of the international search report 2 1 JAN 2005 14 January 2005 Name and mailing address of the ISA/AU Authorized officer AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA SOPHINA CALANNI E-mail address: pct@ipaustralia.gov.au Facsimile No. (02) 6285 3929 Telephone No: (02) 6283 2038

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2004/001593

C (Continuat	ion). DOCUMENTS CONSIDERED TO BE RELEVANT	
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	[0042]-[0050], [0055]-[0057], claims 9 and 10	
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X	Chadwick, K. et al., 2003 (August), Cytokines and BMP-4 promote hematopoietic differentiation of human embryonic stem cells, <i>Blood</i> , 102(3): 906-915.	1-11
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х	Kaufman, D. S et al., 2001, Hematopoietic colony-forming cells derived from human embryonic stem cells, <i>Proceedings of the National Academy of Sciences USA</i> , 98(19): 10716-10721.	
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Α	Dang, S.M. et al., 2002, Efficiency of embryoid body formation and hematopoietic development from embryonic stem cells in different culture systems, <i>Biotechnology and Bioengineering</i> , 78(4): 442-453.	1-11
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No. PCT/AU2004/001593

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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		US	2003153082	US	2004224403			
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Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX